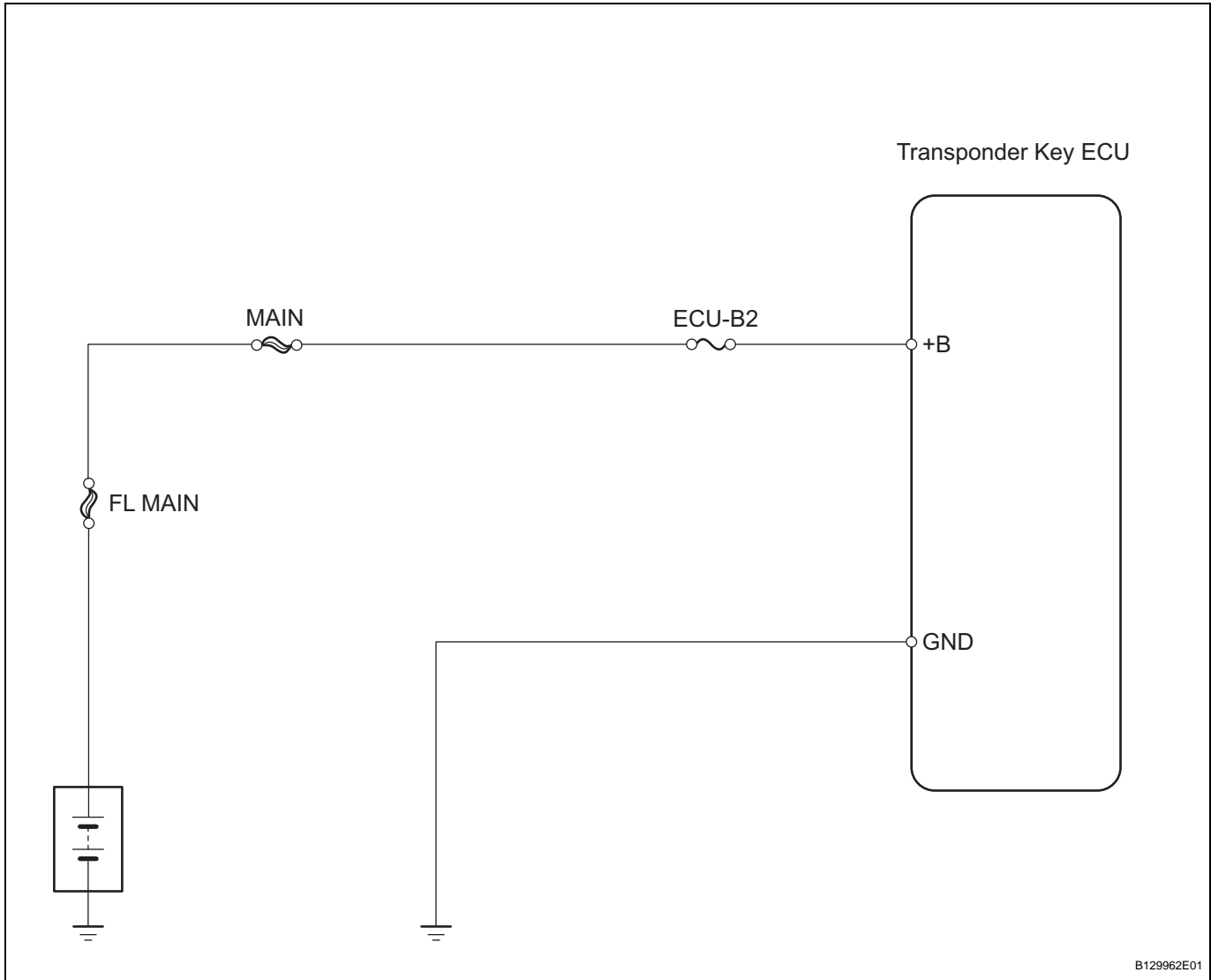


ECU Power Source Circuit

DESCRIPTION

This circuit provides power to operate the transponder key ECU.

WIRING DIAGRAM



INSPECTION PROCEDURE

1 INSPECT FUSE (ECU-B2)

- Remove the ECU-B2 fuse from the engine room No. 2 relay block.
- Measure the resistance of the fuse.

Standard resistance:

Below 1 Ω

NG

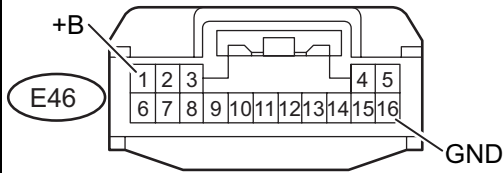
REPLACE FUSE

OK

2

CHECK WIRE HARNESS (TRANSPONDER KEY ECU - BATTERY AND BODY GROUND)

Wire Harness Side



B110782E09

- (a) Disconnect the E46 ECU connector.
- (b) Measure the resistance and voltage of the wire harness side connector.

Standard resistance

Tester Connection	Specified Condition
E46-16 (GND) - Body ground	Below 1 Ω

Standard voltage

Tester Connection	Specified Condition
E46-1 (+B) - Body ground	10 to 14 V

NG

REPAIR OR REPLACE HARNESS AND CONNECTOR

OK

PROCEED TO NEXT CIRCUIT INSPECTION SHOWN IN PROBLEM SYMPTOMS TABLE